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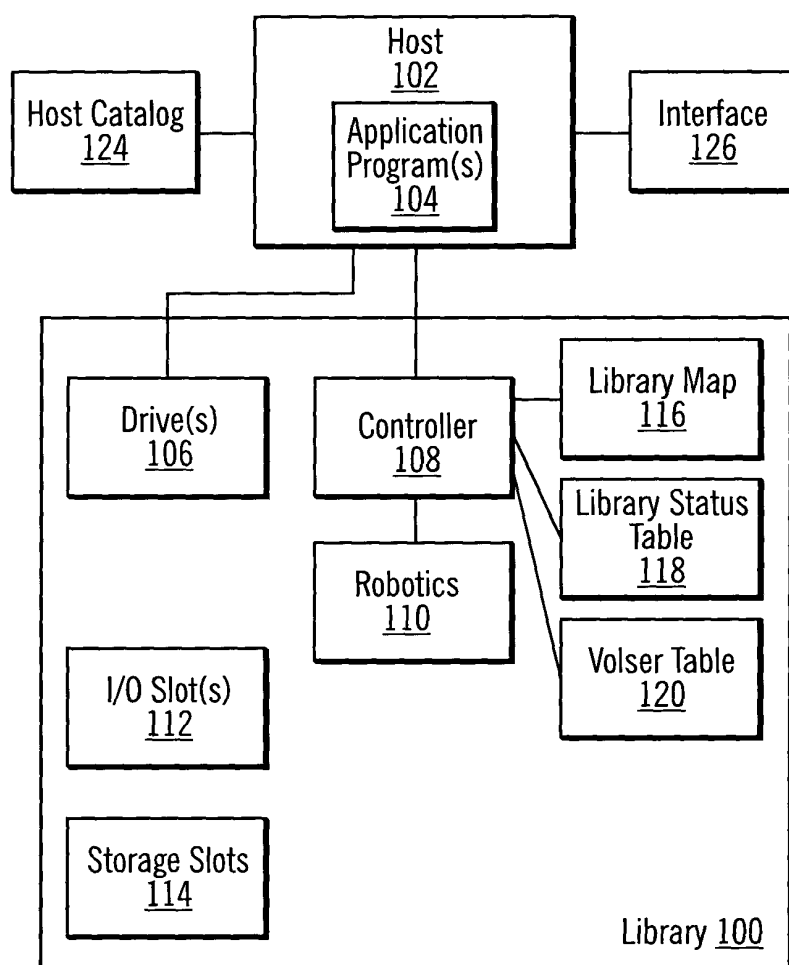


FIG. 1

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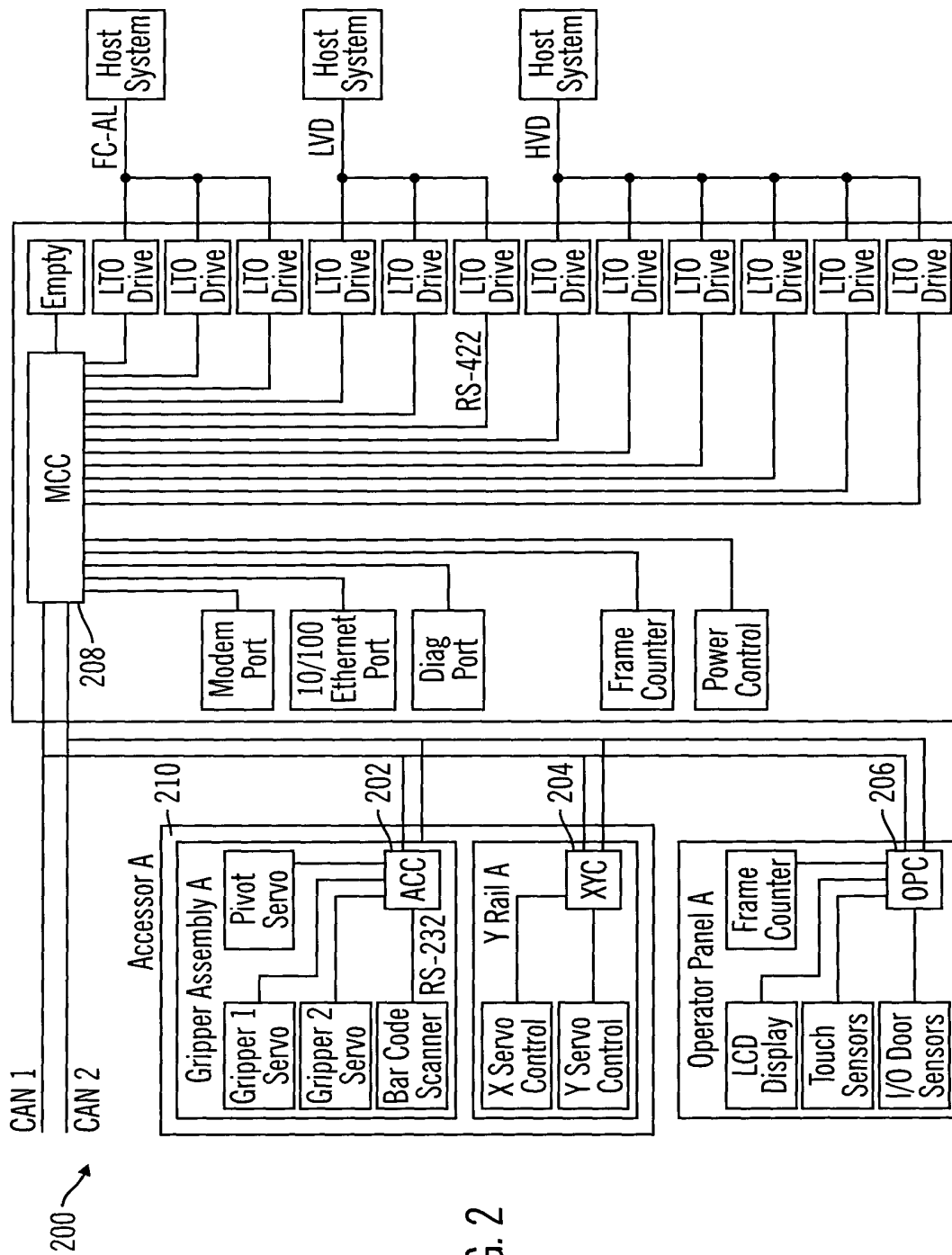
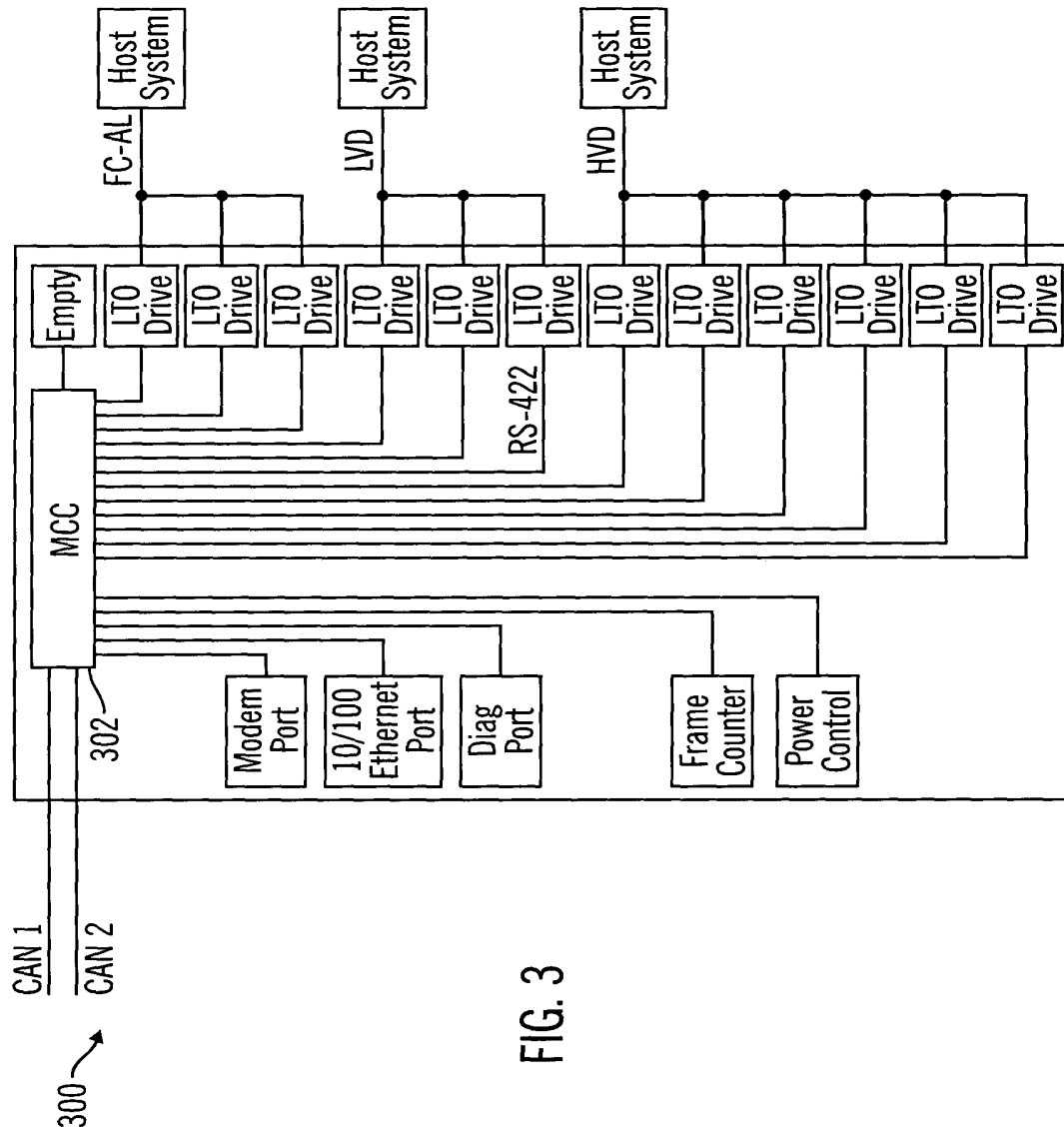


FIG. 2



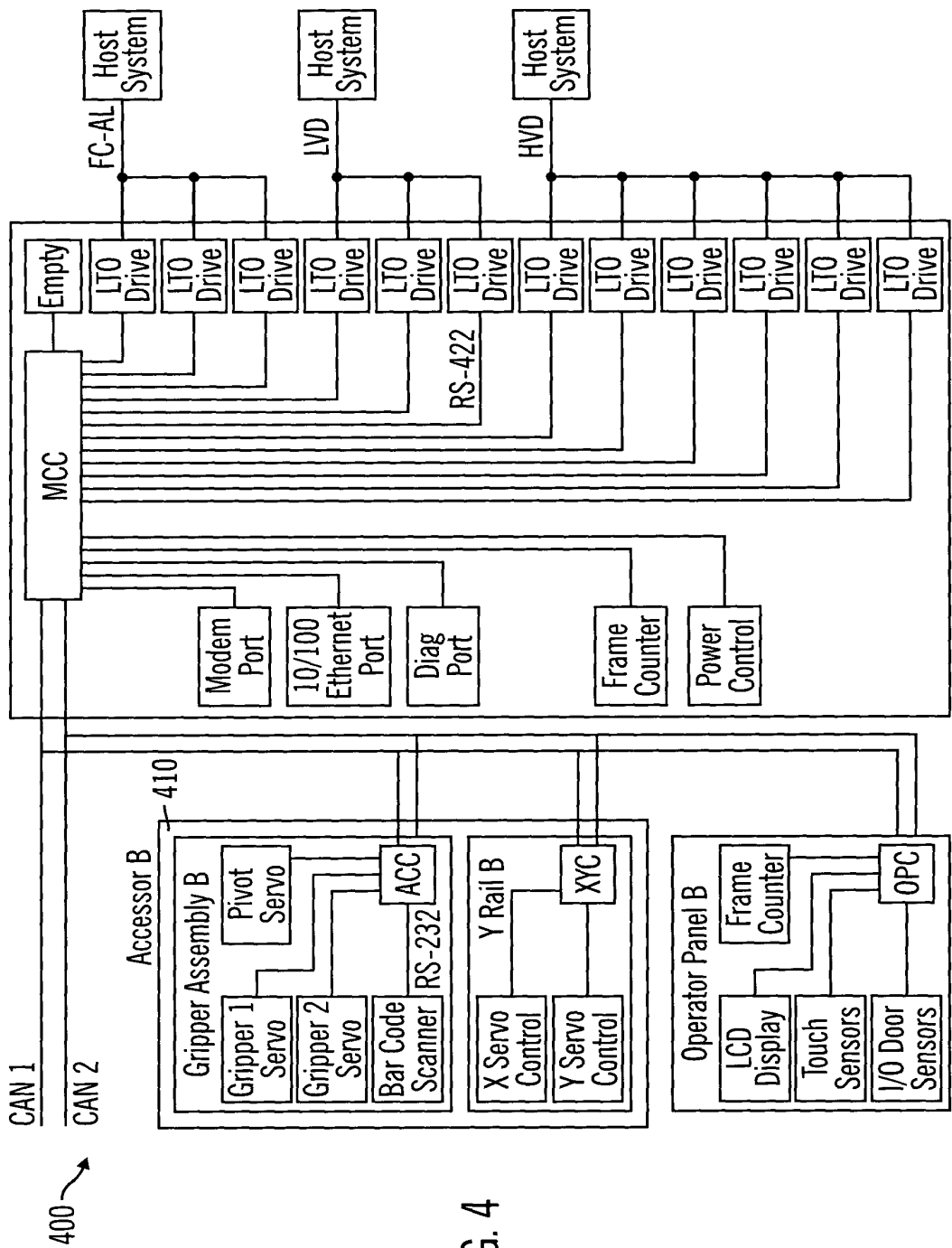


FIG. 4

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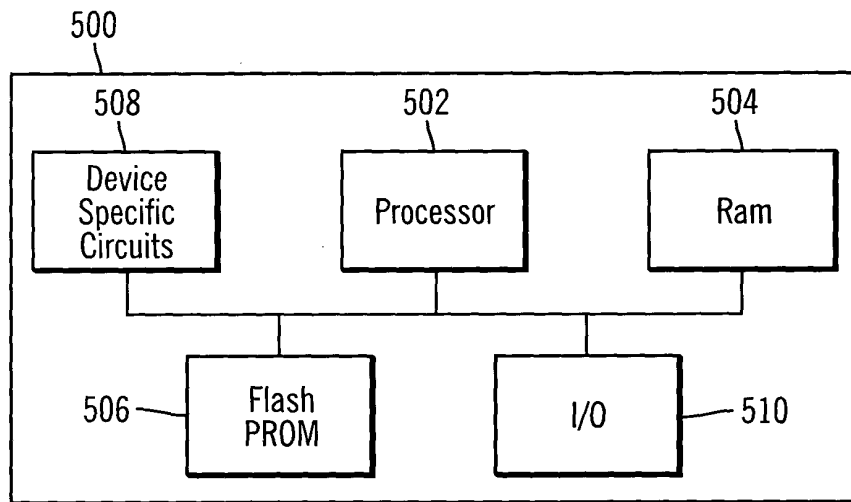


FIG. 5

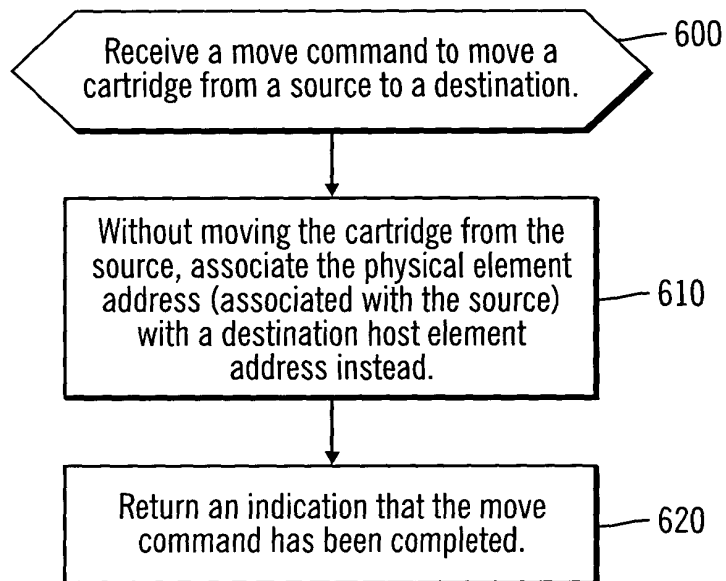


FIG. 6

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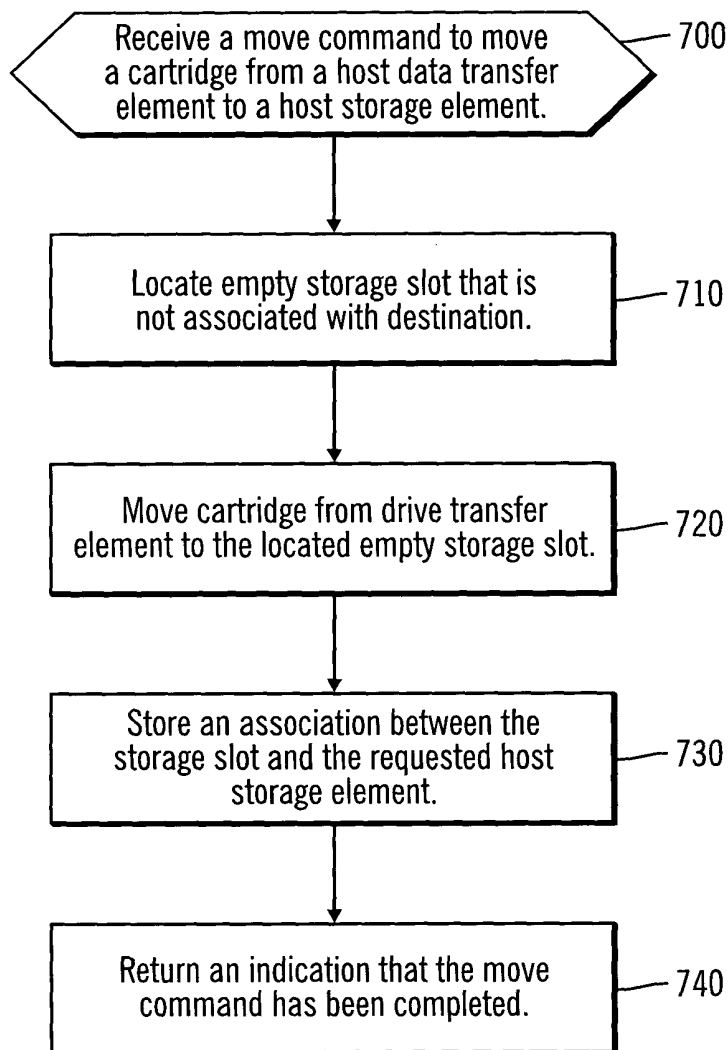


FIG. 7

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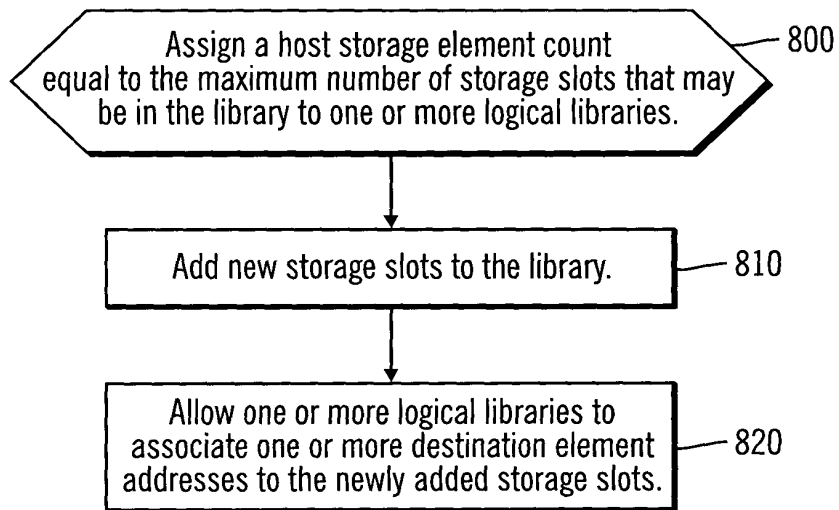


FIG. 8

Table A 900

	To Host Storage Element	To Host Import Export Element	To Data Transfer Element
From Host Storage Element	<ul style="list-style-type: none"> * Remove source host storage element entry from library map table * Add destination host storage element entry to library map table * Update Volser table * Return status 	<ul style="list-style-type: none"> * Remove source host storage element entry from library map table * Add destination host import export element entry to library map table * Update Volser table * Return status * Queue physical move to any empty I/O slot 	<ul style="list-style-type: none"> * Perform move (update library status table) * Remove source host storage element entry from library map table * Update Volser table * Return status

FIG. 9A

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	To Host Storage Element	To Host Import Export Element	To Data Transfer Element
From Host Import Export Element	<ul style="list-style-type: none"> * If logical library number indicates for the destination that the element is not assigned to a logical library, assign logical library number * Remove source host import export element entry from library map table * Add destination host storage element entry to library map table * Update Volser table * Return status 	<ul style="list-style-type: none"> * Remove source host import export element entry from library map table * Add destination host import export element entry to library map table * Update Volser table * Return status (physical move should already be queued or already complete) 	<ul style="list-style-type: none"> * If logical library number for the destination indicates that the element is not assigned to a logical library, assign logical library number * Perform move (update library status table) * Remove source host import export element entry from library map table * Update Volser table * Return status

FIG. 9B

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	To Host Storage Element	To Host Import Export Element	To Data Transfer Element
From Data Transfer Element (e.g., drive) or Medium Transport Element (e.g., gripper)	<ul style="list-style-type: none"> * Perform move to any available storage slot and update library status table * Add destination host storage element entry to library map table * Update Volser table * Return status 	<ul style="list-style-type: none"> * Perform move to any available storage slot and update library status table * Add destination host import export element entry to library map table * Update Volser table * Return status * Queue physical move to any I/O slot 	<ul style="list-style-type: none"> * Perform move and update library status table * Update Volser table * Return status

FIG. 9C

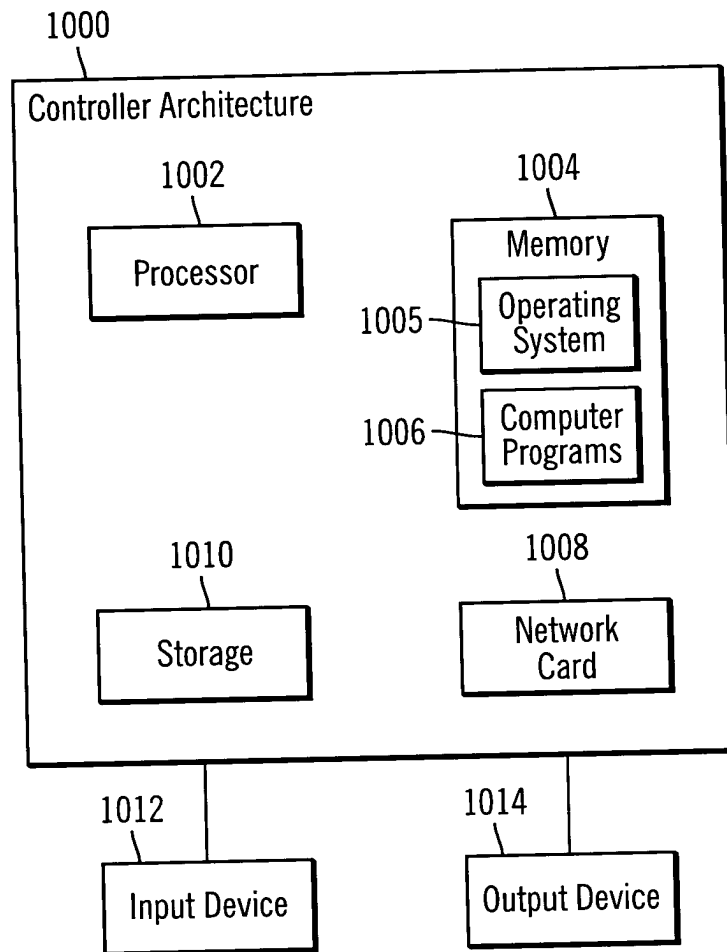


FIG. 10